

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(4D3C2E) Hex(634A34) Hex(4D4B2E) Hex(262422) Hex(663000) Hex(E66D00)

	Hex(4D3C2E)	Hex(634A34)	Hex(4D4B2E)	Hex(262422)	Hex(663000)	Hex(E66D00)
Hex(4D3C2E)		Ratio: 1.28 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(634A34)	Ratio: 1.28 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(4D4B2E)	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(262422)	Ratio: 1.47 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(663000)	Ratio: 1.01 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 3.30 AA 18pt ²
Hex(E66D00)	Ratio: 3.27 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 3.30 AA 18pt ²	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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